

## GAS BARRIER FILM LAMINATE

Publication number: JP2003191364 (A)

Publication date: 2003-07-08

Inventor(s): TANAKA RISATO; SASAKI NOBORU; MATSUO RYUKICHI; KANETAKA TAKESHI

Applicant(s): TOPPAN PRINTING CO LTD

Classification:

- international: B65D65/40; B32B7/02; B32B27/30; C09D5/00; C09D129/04; C09D133/00;  
C09D133/02; C09D175/00; C09D183/02; C09D185/00; C09D201/00; C09D185/00;  
B65D65/40; B32B7/02; B32B27/30; C09D5/00; C09D129/00; C09D133/00;  
C09D133/02; C09D175/00; C09D183/02; C09D185/00; C09D201/00; C09D185/00;  
(IPC1-7): B32B7/02; B32B27/30; B65D65/40; C09D5/00; C09D129/04; C09D133/00;  
C09D133/02; C09D175/00; C09D183/02; C09D185/00; C09D201/00

- European:

Application number: JP20020302730 20021017

Priority number(s): JP20020302730 20021017; JP20010319123 20011017

### Abstract of JP 2003191364 (A)

PROBLEM TO BE SOLVED: To provide a film with an optimal gas barrier function, as a packaging material, containing no environmental disruption agent, which shows outstanding transparency, see-through content properties, gas barrier properties under high temperature and high humidity and enables a metal detector to be used and further, can be used as a retort packaging material. ;

SOLUTION: This gas barrier film laminate comprises: an anchor coat coated layer 2 composed mainly of a highly acid-resistant resin; and a gas-barrier coated layer 3 formed of a coating solution obtained by adding a poly(meth) acrylic acid to a mixed solution of at least one kind of a metallic alkoxide, a hydrolytic product thereof, and a polymer with a hydroxyl group laminated in that order, on one side or both sides of a base material 1 formed of a plastic material. ;

